

Express Mail Label No. EL 804517375 US Dated: January 16, 2002

Docket No.: EMCORE 3.0-069  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Gurary et al.

Application No.:

Group Art Unit:

Filed: January 16, 2002

Examiner: Not Yet Assigned

For: REACTOR HAVING A  
MOVABLE SHUTTER

Commissioner for Patents  
Washington, DC 20231



**INFORMATION DISCLOSURE STATEMENT**

Dear Sir:

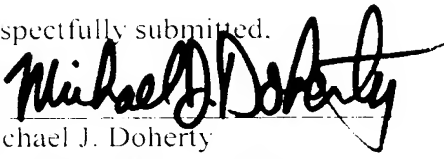
It is respectfully requested that the references listed on the enclosed form be made of record and considered with respect to the above-referenced U.S. patent application. A copy of each reference is enclosed. Submission of the present Information Disclosure Statement should not be taken as an admission that the cited references are legally available prior art or that the same are pertinent or material.

In the event that any fee is due in connection with the present Information Disclosure Statement, the Commissioner is hereby authorized to charge the same to our Deposit Account No. 12-1095.

Dated: January 16, 2002

Respectfully submitted,

By

  
Michael J. Doherty

Registration No.: 40,592

LERNER, DAVID, LITTENBERG,

KRUMHOLZ & MENTLIK, LLP

600 South Avenue West

Westfield, New Jersey 07090

(908) 654-5000

Attorneys for Applicants

Please type a plus sign (+) inside this box



PTO/SB/08A (08-00)

Approved for use through 10/31/2002 OMB 0651-0031  
U S Patent and Trademark Office U S DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>		<b>Complete if Known</b>	
		Application Number	Not Assigned Yet
		Filing Date	
		First Named Inventor	Alexander Gurary
		Group Art Unit	
		Examiner Name	Not Yet Assigned
Sheet 1 of 2	Attorney Docket Number	EMCORE 3.0-069	



U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
JW	A	4,309,961		Satoh	01-12-1982	
	B	4,318,889		Schiller	03-09-1982	
	C	4,539,933		Campbell et al.	09-10-1985	
	D	4,565,157		Brors et al.	01-21-1986	
	E	4,658,513		Strattman	04-21-1987	
	F	4,690,098		Mertens et al.	09-01-1987	
	G	4,747,368		Brien et al.	05-31-1988	
	H	5,346,513		Taniguchi et al.	09-13-1994	
	I	5,368,648		Sekizuka	11-29-1994	
	J	5,497,727		Mayeda et al.	03-12-1996	
	K	5,855,677		Carlson et al.	01-05-1999	
	L	5,942,038		Mayeda et al.	08-24-1999	
	M	6,039,811		Park et al.	03-21-2000	
	N	6,086,362		White et al.	07-11-2000	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office <sup>3</sup>	Number <sup>3</sup>			

Examiner Signature	<i>KAPPA MOORE</i>	Date Considered	6/8/03
--------------------	--------------------	-----------------	--------

\*EXAMINER Initial if reference considered whether or not citation is in conformance with MPEP 609 Draw line through citation if not in conformance and not considered include copy of this form with next communication to applicant

<sup>1</sup> Unique citation designation number <sup>2</sup> See attached Kinds of U.S. Patent Documents <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST 3) <sup>4</sup> For Japanese patent documents the indication of the year of the reign of the Emperor must precede the application number of the patent document <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST 16 if possible <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached